

Design

Inner conductor: Stranded silver-plated copper-clad steel wire (30/7 AWG) ∅ 0.3 mm
 Insulation of Perfluorethylenpropylen, FEP ∅ 1.6 mm
 Shield braiding of silver-plated copper wires ∅ 2.0 mm
 Coverage about 95%

Jacket:

Perfluorethylenpropylen, FEP BK ∅ (2.54 ± 0.15) mm

Electrical data at 20 °C

Conductor resistance ≤ 804 Ohm/km
 Insulation resistance ≥ 10000 MOhm*km
 Capacitance 800 Hz ≤ 68 pF/m
 Characteristic impedance ≥ 200 MHz (75 ± 4) Ohm
 rel. velocity of propagation ≈ 70 %
 Operating voltage (peak) ≤ 1200 V
 Test voltage (rms 50Hz 1min) = 2000 V

Frequency (MHz)	100	200	300	400	500	1000	1300	1700	2000
Attenuation typ. (dB/100m)	24	35	45	54	60	90	106	123	137

Mechanical and thermal characteristics

Insulating material acc. to DIN VDE 0207, compoundtype 6Y11
 Jacket material acc. to DIN VDE 0207, compoundtype 6YM1
 Screen material acc. to DIN 40500 part 4, E-Cu58 F21 (VS)

UL-Style 1999

Application/Special feature:

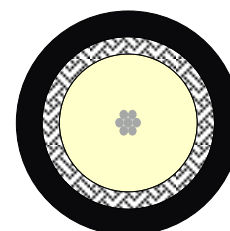
Similar RG 179

Permissible temperature range: -200°C up to +200°C
 min. bending diameter allowed: multiple 20X ∅, single 10X ∅

Weight about : 16 Kg/km

Designation of order:

L45466-D12-G27
 200676
 6YC6Y 0.30/1.6-75 LI STAKU VS SW
 500 m on non-returnable reel



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